BRUHATH BANGALORE MAHANAGARA PALIKE

Modified Estimem for Providing of B.S Slab drain at Ambhabhavani Temple road from Sambhram College to Subhash chandra bose road in Attur work No. 03

Est Cost Rs: *1000000.00*

Sl N	Description of work	No.	Dimensions			Qty.	Rate	Unit	Amount
			L.	B.	D				
1	2	3	4	5	6	7	8	9	10
1	KSRB 2 - 2.1 : Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.Specification No.KBS 2.1(a) / 2.3.5 (Page No.5, Item No. 2.3)								
	Ambhabhavani temple	2	410.00	0.60	0.60	295.20			
	Culvert	7	6.20	1.90	1.00	82.46			
		1	10.00	1.90	1.00	19.00			
						396.66	151.74	Cum	60189.00
	Basic Rate	140.50							
	Area Weightage 8%	11.24							
	Total	151.74							
2	Providing a granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc , complete 7.5 cms thick (Page No.28, Item No. 5.31.1)								
		2	278.50	1.80		1002.60			
					Ltd to	1002.00	343.44	Sqm	344127.00
	Basic Rate	318.00							
	Area Weightage 8%	25.44							
	Total	343.44							
3	KSRB 4 - 1.3 : Providing and laying in position plain cement concrete of mix M 7.5 with OPC cement @ 180 kgs. with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (Page No.12, Item No.4.3)								
	Culvert	7	6.20	1.90	0.15	12.37			
		1	10.00	1.90	0.15	2.85			
						15.22	4290.84	Cum	65302.00
	Basic Rate	3973.00							
	Area Weightage 8%	317.84							
	Total	4290.84							

4	KSRB 5.2-3 : Providing and constructing granite / trap/ basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing, complete as per specifications.KBS 5.1.13(Page No.25, Item no.5.6)								
	Culvert	14	6.20	0.60	0.60	31.25			
		2	10.00	0.60	0.60	7.20			
						38.45	3549.96	Cum	136489.00
	Basic Rate	3287.00							
	Area Weightage 8%	262.96							
	Total	3549.96							
5	KSRB 15.1.3 : Providing ruled pointing to course stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (Page No.122, Item No. 15.3)								
	Culvert	14	6.20		0.60	52.08			
		2	10.00		0.60	12.00			
						64.08	79.92	Sqm	5121.00
	Basic Rate	74.00							
	Area Weightage 8%	5.92							
	Total	79.92							
6	KSRB 4 - 1.6 : Providing and laying in position plain cement concrete of mix M 15 with cement @ 240 kgs. with 20 mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (Page No.12, Item No. 4.6)								
	Coping	14	6.20	0.60	0.10	5.21			
	Vent	7	6.20	0.60	0.10	2.60			
		1	10.00	0.60	0.10	0.60			
		2	10.00	0.60	0.10	1.20			
						9.61	4779.00	Cum	45930.00
	Basic Rate	4425.00							
	Area Waighiage 8%	354.00							
	Total	4779.00							

7	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M 20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum fine aggregates @ 0.459 cum, with superplastisiser @ 3 lts confirming to IS 9103 - 1999 Reaffirmed - 2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or facing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery curing, complete as per specifications.Specification No.KBS 4.1, 4.6 (Page No.13, Item No. 4.11)								
	Culvert	7	6.20	1.80	0.23	17.97			
		1	10.00	1.80	0.23	4.14			
						22.11	5639.76	Cum	124682.00
	Basic Rate	5222.00							
	Area Weightage 8%	417.76							
	Total	5639.76							
8	KSRB 4.9.2 : Providing TMT steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. for TMT Bars Fe 415 Specification No.KBS 4.6.3 (Page No.19, Item No. 4.46.1)								
	Only @ 80kgs.cum					21.38			
						21.38	7380.72	Cum	157800.00
	Basic Rate	6834.00							
	Area Weightage 8%	546.72							
	Total	7380.72							
9	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (Page No.17, Item No. 4.31)								
	Deck slab	7	6.20	0.60		26.04			
		1	10.00	0.60		6.00			
		14	6.20		0.23	19.96			
		14	1.80		0.23	5.80			
		2	10.00		0.23	4.60			
	Drain	2	1.80		0.23	0.83			

						63.23	271.08	Cum	17140.00
	Basic Rate	251.00							
	Area Weightage 8%	20.08							
	Total	271.08							
10	Loading and Unloading of Stone Boulder/Stone aggregates / Sand/Kanker/Moorum and Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH - 100 Chapter 1 (Page No.142, Item No. 17.1)								
	Qty. vide Item No.(1)					396.66			
						396.66	85.00	Cum	33716.00
11	Miscellaneous and other unforseen charges					L.S			9498.00
						TOTAL	RS.		1000000.00

CERTIFICATE

1 *The work sport hs been inspected and the work is found to be necessary*

2 *This modified estimate is prepared as per S.R of 2013-14*

3 *The provisions were made in this modified estimate are necessary and adequate*

4 *This works come under B.B.M.P. Limits*

Asst.Executive Engineer
Yelahanka Satellite Town Sub Division
B.B.M.P

Executive Engineer
Yelahanka Division
B.B.M.P.

"MODIFIED ESTIMATE"

TECHNICALLY SANCTIONED FOR Rs. 10.00000 =00
Rupees Ten Lakhs only
Under P.W.D - General Works
Registered as CE ( ) No. 0 0
Subject to conditions stated in
enclosed letter No. ( ) No. dated
Dt.
CE/NRK/TS/91/13-14
Dated 28-6-2014 Rs. 10.00000=00

Executive Engineer